

1990 Biochemistry Retreat Schedule

Friday, 4/6

7:30-9:30 P.M. - Session I

Uhlenbeck Group

Marty Fedor - "Nailing Down the Hammerhead with Kinetics"
Ellen Tinkle - "Recognition of tRNA^{Phe} by its Cognate Synthetase"

Kundrot Group

Craig Kundrot - "Crystallography, Proteins and the Other Nucleic Acid"

McIntosh Group

Dick McIntosh - "Mechanochemistry of Chromosome Movement"

9:30-Midnight - Reception

9:30-10:30 - Posters

Saturday, 4/7

8:00-10:00 A.M. - Session II

Falke Group

Joe Falke - "Structural Mechanisms of Sensory and Signaling Proteins"
Linda Luck - "Use of ¹⁹F NMR to Test the Hinged Cleft Model for Substrate Binding"

Pardi Group

Hans Heus - "On the Structure and Stability of the Hammerhead Self-Cleaving RNA Domain"
Art Pardi - "Generating Structures of Biomolecules by NMR Spectroscopy"

Caruthers Group

Bill Marshall - "Phosphorodithioate Oligonucleotides: A Potent New Class of Inhibitors of HIV-1"
Len Cummins - "1. Directing RNAase H Activity with Oligodeoxynucleoside Phosphorodithioates. 2. Pre-mRNA Splicing: Purification of a Factor that Rescues Heat-Inactivated Nuclear Extract"

10:30-Noon - Session III

Poyton Group

Bob Poyton - "Coordination of Nuclear and Mitochondrial Gene Expression"

Melancon Group

Paul Melancon - "Studies on Golgi Function in a Cell Free System"

7:15-9:30 P.M. - Session IV

Kirkegaard Group

Karla Kirkegaard - "Poliovirus Genetics, RNA Modification and Unwinding"

Kuempel Group

Peter Kuempel - "The Terminus Region of the E. coli Chromosome"

Peters Group

Kevin Peters & Kathleen Marr - "Listening to Proteins do Their Thing"

Sunday, 4/8

8:00-9:20 A.M. - Session V.

Cech Group

Dan Hershlag - "Mechanisms of Catalytic RNA"

Jamie Williamson - "Telomere Structure and a Quartet in G_{flat}"

Kuchta Group

Rob Kuchta - "Inhibition of DNA Primase by AraATP"

10:00-11:20 A.M. - Session VI.

Gill Group

Dave Ownby - "Singular Value Decomposition Applied to Biophysical Problems, or;
'How I Learned to Stop Worrying and Love Matrix Algebra'"

Kip Murphy - "The Hydration Effect in Protein Unfolding and Model Compound
Dissolution"

Dynan Group

Bill Dynan - "Regulation of Transcriptional Initiation in Eucaryotic Cells"

Mark Kubik - "PCR Analysis of the Regulatory Regions of BK Viral Strains Present in
a Human Population"